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Meteorological Observations made at the Apartments of the Royal Society, LONDON, *by the Assistant Secretary*, Mr. Roberton; *by* Mr. Thompson, *at the Garden of the Horticultural Society at* CHISWICK, *near London*; *by* Mr. Veall, *at* BOSTON; *by* Mr. Dunbar, *at Applegarth Manse*, DUMFRIES-SHIRE; *and by the* Rev. C. Clouston, *at Sandwick Manse*, ORKNEY.

Days of Month.	Barometer.								Thermometer.										Wind.					Rain.					Dew-point.
	London: Roy. Soc. 9 a.m.	Chiswick.		Boston. 8½ a.m.	Dumfries-shire.		Orkney, Sandwick.		London: R.S.			Chiswick.		Boston. 8½ a.m.	Dumf.-shire.		Orkney, Sandwick.		London: R.S. 9 a.m.	Chiswick 1 p.m.	Boston.	Dumfries-shire.	Orkney, Sandwick.	London: R.S. 9 a.m.	Chiswick.	Boston.	Dumfries-shire.	Orkney, Sandwick.	Lond. R.S. 9 a.m.
1842. Feb.		Max.	Min.		9 a.m.	9 p.m.	9½ a.m.	8½ p.m.	Fahr. 9 a.m.	Self-reg. Mx.	Self-reg. Mn.	Max.	Min.		Max.	Min.	9½ a.m.	8½ p.m.											
1.	30·140	30·130	30·100	29·74	29·92	29·87	29·80	29·54	39·5	47·0	37·8	46	26	35	42	32½	39	43½	w.	nw.	calm	w.	s.	·166	.....	·22	.....	·04	42
2.	30·198	30·241	30·059	29·79	29·85	30·09	29·72	29·94	41·7	45·7	38·0	50	40	37	46	39	40	42	sw.	w.	calm	w.	w.	.....	·02	.....	.....	·13	38
3.	30·436	30·409	30·377	30·03	30·21	30·24	30·06	30·20	43·8	49·2	41·7	45	37	35	43½	31½	45	43½	nw.	nw.	calm	ssw.	sw.	.....	.....	.....	.....	·05	41
4.	30·480	30·439	30·351	30·12	30·21	30·20	30·15	30·18	39·8	46·3	40·3	42	30	36	44½	30½	41	41	ne.	e.	calm	ssw.	s.	.....	.....	.....	.....	.....	40
5.	30·286	30·267	30·177	29·99	30·17	30·05	30·15	30·16	35·7	40·0	33·3	42	27	30	42	30	42	40	ene.	e.	calm	w.	sw.	.....	.....	.....	.....	.....	35
6.	30·118	30·109	29·892	29·83	30·00	29·85	30·07	29·97	32·8	35·7	32·0	38	26	33	32½	27½	37	33½	e.	e.	calm	e.	se.	.....	·06	.....	0·00	.....	29
7.	29·724	29·786	29·697	29·52	29·70	29·68	29·84	29·81	35·2	37·6	33·0	40	30	35	37	26	35	34	ene.	e.	calm	e.	se.	·033	·11	.....	.....	.....	33
8.	29·828	29·816	29·786	29·55	29·69	29·69	29·87	29·86	34·8	40·6	33·0	46	28	35	41	30½	36½	37	ne.	e.	calm	ene.	se.	·094	·06	·20	.....	.....	33
9.	29·812	29·795	29·512	29·50	29·55	29·41	29·71	29·51	40·8	45·0	35·2	51	43	40	43	32	39	41	s.	s.	calm	ese.	se.	·063	.....	·06	.....	.....	38
10.	29·946	29·986	29·895	29·53	29·57	29·55	29·52	29·35	45·7	49·0	41·2	51	41	45	46	39	41	42	s.	s.	calm	ssw.	se.	.....	.....	.....	.....	·17	41
11.	30·026	29·985	29·970	29·49	29·42	29·54	29·20	29·25	47·3	50·3	45·8	52	47	47	47	42	46	40	s.	s.	sw.	ssw.	s.	.....	·14	.....	.....	·32	46
12.	30·072	30·065	30·004	29·50	29·49	29·53	29·35	29·20	50·2	52·2	47·4	54	30	50	48	39½	41	40	s.	s.	sw.	s.	s.	·094	.....	·11	.....	·15	46
13.	30·220	30·180	30·020	29·74	29·79	29·76	29·62	29·58	44·2	53·0	42·5	52	28	47·5	43½	37½	41	38½	sse.	s.	calm	ese.	sw.	·009	·04	.....	1·48	·08	43
14.	30·456	30·452	30·390	29·94	30·10	30·11	29·94	29·94	40·3	50·7	38·5	52	37	38	46	34	42½	45	w.	s.	w.	sw.	s.	·061	.....	.....	.....	·07	41
15.	30·500	30·446	30·424	29·98	30·00	30·24	29·81	29·05	46·8	49·7	40·3	54	40	41	47½	41	44	43	s.	sw.	s.	w.	sw.	.....	.....	.....	.....	·06	44
16.	30·546	30·488	30·416	30·05	30·30	30·24	30·12	30·06	46·3	51·6	44·8	53	33	39	46	32	44	45	w.	sw.	calm	sw.	sw.	.....	.....	.....	.....	.....	43
17.	30·410	30·372	30·252	29·90	30·12	30·08	30·03	30·05	44·3	49·2	43·7	49	25	43	45	34	42½	39	s.	s.	calm	sw.	sw.	.....	.....	.....	.....	.....	43
18.	30·374	30·367	30·316	29·94	30·12	30·20	29·93	30·12	36·8	48·2	36·0	47	24	36·5	47½	40	44½	41	s.	nw.	calm	sw.	w.	.....	.....	.....	.....	.....	38
19.	30·402	30·377	30·194	29·98	30·12	29·90	29·89	29·68	34·7	43·7	33·3	49	30	33·5	48	40	42	44½	sw.	w.	calm	s.	sw.	.....	·02	.....	.....	.....	39
20.	30·054	30·036	29·881	29·68	29·75	29·59	29·52	29·53	35·3	45·0	35·0	40	31	37	48	40½	43	41	s.	sw.	calm	s.	sw.	.....	.....	.....	0·21	·44	37
21.	29·782	29·813	29·771	29·40	29·45	29·60	29·49	29·52	39·7	40·0	35·0	48	27	36	44	43	40	39	se.	sw.	se.	ssw.	w.	.....	·16	.....	.....	·18	36
22.	29·756	29·753	29·616	29·47	29·50	29·31	29·44	29·27	41·8	47·8	38·8	50	34	33	45	30½	40	40½	e.	s.	calm	s.	s.	·161	.....	·13	.....	.....	39
23.	29·444	29·444	29·167	29·14	29·17	28·95	29·24	29·05	41·8	48·8	42·0	50	40	39	43	37	40	41	sse.	s.	calm	e.	se.	.....	·11	.....	.....	.....	42
24.	29·152	29·171	29·115	28·77	28·98	28·98	29·08	29·10	41·9	44·5	41·8	47	33	41·5	43	29½	37	36	s.	s.	calm	nne.	calm	·059	·11	·16	.....	·15	41
25.	29·216	29·250	29·180	28·80	29·07	29·08	29·12	29·09	39·3	48·0	36·3	45	23	39	44	35½	39	37	w.	w.	calm	w.	s.	·130	·07	·20	.....	.....	41
26.	29·400	29·570	29·367	29·00	29·00	29·24	28·93	29·15	39·2	45·3	35·0	48	30	34	42	31½	34	38	se.	w.	calm	wsw.	w.	·052	·04	·31	.....	.....	36
27.	29·550	29·470	29·377	29·17	28·95	28·87	29·00	28·52	40·5	46·0	35·2	44	36	35	42	29½	36	38½	s.	s.	se.	ssw.	se.	·133	·05	.....	1·00	·10	36
28.	29·622	29·593	29·388	29·12	28·90	28·97	28·65	28·90	41·7	43·6	39·0	51	42	40	46	36	42	41½	s.	s.	w.	ssw.	w.	·291	·33	·09	.....	·26	38
Mean.	29·998	29·953	29·882	29·59	29·681	29·671	29·610	29·590	40·9	46·4	38·4	47·71	32·78	38·2	39·3	34·9	40·50	40·21						Sum. 1·346	1·32	1·48	2·69	2·20	Mean. 39